



SEQUENCE LISTING

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<120> PEPTIDES CHEMICALLY MODIFIED WITH POLYETHYLENE GLYCOL

<130> 1110-0324PUS1

<140> US 10/510,563

<141> 2004-10-08

<150> PCT/JP03/04614

<151> 2003-04-11

<160> 30

<210> 1

<211> 37

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: chemically synthesized peptide

<400> 1

Thr Arg Tyr Leu Arg Ile His Pro Arg Ser Trp Val His Gln Ile Ala
1 5 10 15

Leu Arg Leu Arg Tyr Leu Arg Ile His Pro Arg Ser Trp Val His Gln
20 25 30

Ile Ala Leu Arg Ser
35

<210> 2

<211> 37

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: chemically synthesized peptide

<400> 2

Thr Arg Tyr Leu Arg Ile His Pro Arg Ser Trp Val Arg Gln Ile Ala
1 5 10 15

Leu Arg Leu Arg Tyr Leu Arg Ile His Pro Arg Ser Trp Val Arg Gln
20 25 30

Ile Ala Leu Arg Ser
35

<210> 3
<211> 37
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: chemically synthesized peptide

<400> 3
Thr Arg Tyr Leu Arg Ile His Pro Arg Ser Trp Val His Gln Ile Arg
1 5 10 15
Leu Arg Leu Arg Tyr Leu Arg Ile His Pro Arg Ser Trp Val His Gln
20 25 30
Ile Arg Leu Arg Ser
35

<210> 4
<211> 37
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: chemically synthesized peptide

<400> 4
Thr Arg Tyr Leu Arg Ile His Pro Arg Ser Trp Leu His Gln Ile Ala
1 5 10 15
Leu Arg Leu Arg Tyr Leu Arg Ile His Pro Arg Ser Trp Leu His Gln
20 25 30
Ile Ala Leu Arg Ser
35

<210> 5
<211> 37
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: chemically synthesized peptide

<400> 5
Thr Arg Phe Leu Arg Ile His Pro Arg Ser Trp Val His Gln Ile Ala
1 5 10 15
Leu Arg Leu Arg Phe Leu Arg Ile His Pro Arg Ser Trp Val His Gln
20 25 30
Ile Ala Leu Arg Ser
35

<210> 6
 <211> 37
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: chemically synthesized peptide

<400> 6
 Thr Arg Tyr Leu Arg Ile His Pro Arg Ser Trp Val His Asn Ile Ala
 1 5 10 15

 Leu Arg Leu Arg Tyr Leu Arg Ile His Pro Arg Ser Trp Val His Asn
 20 25 30

 Ile Ala Leu Arg Ser
 35

<210> 7
 <211> 37
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: chemically synthesized peptide

<400> 7
 Thr Arg Tyr Leu Arg Ile His Pro Arg Ser Trp Val His Gln Ile Ala
 1 5 10 15

 Leu Lys Leu Lys Tyr Leu Arg Ile His Pro Arg Ser Trp Val His Gln
 20 25 30

 Ile Ala Leu Arg Ser
 35

<210> 8
 <211> 37
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: chemically synthesized peptide

<400> 8
 Thr Arg Tyr Leu Arg Ile His Pro Lys Ser Trp Val His Gln Ile Ala
 1 5 10 15

 Leu Arg Leu Arg Tyr Leu Lys Ile His Pro Arg Ser Trp Val His Gln
 20 25 30

Ile Ala Leu Arg Ser
35

<210> 9
<211> 37
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: chemically synthesized peptide

<400> 9
Thr Arg Tyr Leu Arg Ile His Pro Arg Ser Trp Val His Gln Ile Ala
1 5 10 15

Leu Arg Thr Arg Tyr Leu Arg Ile His Pro Arg Ser Trp Val His Gln
20 25 30

Ile Ala Leu Arg Ser
35

<210> 10
<211> 37
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: chemically synthesized peptide

<400> 10
Thr Arg Ser Leu Arg Ile His Pro Arg Ser Trp Val His Gln Ile Ala
1 5 10 15

Leu Arg Leu Arg Ser Leu Arg Ile His Pro Arg Ser Trp Val His Gln
20 25 30

Ile Ala Leu Arg Ser
35

<210> 11
<211> 37
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: chemically synthesized peptide

<400> 11
Thr Arg Tyr Leu Arg Ile His Pro Arg Leu Trp Val His Gln Ile Ala
1 5 10 15

Leu Arg Leu Arg Tyr Leu Arg Ile His Pro Arg Leu Trp Val His Gln
20 25 30

Ile Ala Leu Arg Ser
35

<210> 12

<211> 37

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: chemically synthesized peptide

<400> 12

Thr Arg Tyr Leu Arg Ile His Pro Arg Ser Trp Val His Gln Ile Ala
1 5 10 15

Leu Ser Leu Arg Tyr Leu Arg Ile His Pro Arg Ser Trp Val His Gln
20 25 30

Ile Ala Leu Ser Ser
35

<210> 13

<211> 37

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: chemically synthesized peptide

<400> 13

Thr Arg Tyr Leu Arg Ile His Pro Arg Ser Leu Val His Gln Ile Ala
1 5 10 15

Leu Arg Leu Arg Tyr Leu Arg Ile His Pro Arg Ser Leu Val His Gln
20 25 30

Ile Ala Leu Arg Ser
35

<210> 14

<211> 37

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: chemically synthesized peptide

<400> 14

<400> 17

Thr Arg Ser Leu Arg Ile His Pro Arg Leu Trp Val His Gln Ile Ala
1 5 10 15

Leu Arg Leu Arg Ser Leu Arg Ile His Pro Arg Leu Trp Val His Gln
20 25 30

Ile Ala Leu Arg Ser
35

<210> 18

<211> 37

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: chemically synthesized peptide

<400> 18

Thr Arg Tyr Leu Arg Ile His Pro Arg Ser Trp Leu His Gln Ile Ala
1 5 10 15

Leu Arg Thr Arg Tyr Leu Arg Ile His Pro Arg Ser Trp Leu His Gln
20 25 30

Ile Ala Leu Arg Ser
35

<210> 19

<211> 37

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: chemically synthesized peptide

<400> 19

Thr Arg Tyr Leu Arg Leu His Pro Arg Ser Trp Leu His Gln Leu Ala
1 5 10 15

Leu Arg Leu Arg Tyr Leu Arg Leu His Pro Arg Ser Trp Leu His Gln
20 25 30

Leu Ala Leu Arg Ser
35

<210> 20

<211> 37

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: chemically synthesized peptide

<400> 20

Thr Arg Tyr Leu Arg Leu His Pro Arg Ser Trp Val His Gln Leu Ala
1 5 10 15

Leu Arg Thr Arg Tyr Leu Arg Leu His Pro Arg Ser Trp Val His Gln
20 25 30

Leu Ala Leu Arg Ser
35

<210> 21

<211> 37

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: chemically synthesized peptide

<400> 21

Thr Lys Tyr Leu Lys Ile His Pro Lys Ser Trp Val His Gln Ile Ala
1 5 10 15

Leu Arg Leu Lys Tyr Leu Lys Ile His Pro Lys Ser Trp Val His Gln
20 25 30

Ile Ala Leu Arg Ser
35

<210> 22

<211> 37

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: chemically synthesized peptide

<400> 22

Thr Arg Arg Leu Arg Ile His Pro Arg Arg Trp Val His Arg Ile Ala
1 5 10 15

Leu Arg Leu Arg Arg Leu Arg Ile His Pro Arg Arg Trp Val His Arg
20 25 30

Ile Ala Leu Arg Ser
35

<210> 23

<211> 31
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: chemically synthesized peptide

<400> 23
Thr Ile His Pro Arg Ser Trp Val His Gln Ile Ala Leu Arg Leu Arg
1 5 10 15
Tyr Leu Arg Ile His Pro Arg Ser Trp Val His Gln Ile Ala Ser
20 25 30

<210> 24
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: chemically synthesized peptide

<400> 24
Thr Leu Arg Tyr Leu Arg Ile His Pro Arg Ser Trp Leu His Gln Ile
1 5 10 15
Ala Leu Arg Ser
20

<210> 25
<211> 37
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: chemically synthesized peptide

<400> 25
Thr Ile Arg Tyr Arg Pro Ser His Gln Ile Arg Leu Arg Ala Val Leu
1 5 10 15
His Leu Trp Ile Arg Tyr Arg Pro Ser His Gln Ile Arg Leu Arg Ala
20 25 30
Val Leu His Trp Ser
35

<210> 26
<211> 37
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: chemically synthesized peptide

<400> 26
Thr Arg Tyr Leu Arg Ile His Pro Arg Ser Trp Val Leu Gln Ile Ala
1 5 10 15
Leu Arg Leu Arg Tyr Leu Arg Ile His Pro Arg Ser Trp Val Leu Gln
20 25 30
Ile Ala Leu Arg Ser
35

<210> 27
<211> 24
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: chemically synthesized peptide

<400> 27
Leu Ala Arg Leu Leu Ala Arg Leu Leu Ala Arg Leu Leu Arg Ala Leu
1 5 10 15
Leu Arg Ala Leu Leu Arg Ala Leu
20

<210> 28
<211> 111
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: chemically synthesized nucleotide

<400> 28
actcggtatc ttgcattca tctcgaagt tgggttcacc aaatagctct gagactacgg 60
tacttacgaa ttcacccacg tagctgggtt caccaaatag ctctgcgttc t 111

<210> 29
<211> 111
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: chemically synthesized nucleotide

<400> 29
actcggtatc ttgcattca tctcgaagt tgggttcacc aactagctct gagactacgg 60
tacttacgac ttcacccacg tagctgggtt caccaactag ctctgcgttc t 111

<210> 30
 <211> 111
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: chemically synthesized nucleotide

 <400> 30
 actcgttatc ttgccttca tcctcgaagt tggcttcacc aactagctct gagactacgg 60
 tacttaacgac ttcacccacg tagctggctt caccaactag ctctgcgttc t 111